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(54) Title: TREATMENT OF OSTEOARTHRITIS


(57) Abstract: This invention relates to methods of treatment of osteoarthritis, and especially to treatment of this condition with cyclic peptidic and peptidomimetic compounds which have the ability to modulate the activity of G protein-coupled receptors. The compounds preferably act as antagonists of the C5a receptor, and are active against C5a receptors on polymorphonuclear leukocytes and macrophages. Particularly preferred compounds for use in the invention are disclosed.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER		
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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI, MEDLINE; keywords- osteoarthritis, GPCR, G-Protein Coupled Receptor, c5a, c5aR, PMX53.		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 1999/00406 A (The University of Queensland) 7 January 1999 (07.01.99) See whole document.	1-17
Y	WO 1999/02501 A (Astra Pharmaceuticals LTD) 21 January 1999 (21.01.99) Page 14 lines 1-9.	1-17
Y	WO 1998/54180 A (Astra Pharmaceuticals LTD) 3 December 1998 (03.12.98) Page 12 lines 20-29.	1-17
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	1999/00406	AU	80926/98	EP	1017713		
WO	1999/02501	AU	83611/98	EP	996617	US	6107297
WO	1998/54180	AU	76811/98	EP	984963	US	6162808
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